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Standard Grocery Company, Inc.
Where All Are Pleased
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Remember We Give "S & H" Green Trading Stamps With Every Cash Purchase

CENTRAL MEAT MARKET

This Store Closed
all day Thursday and Friday
Getting Ready to Save You Money

OPENS SATURDAY AT 9 A. M.

EXTRA SALESPeOPLE WANTED

The Wonder Store



TEMPTING fresh country eggs and pure meadow butter are what you crave for, but often fail to get. It is just as easy for the grocer to give you them as to supply the other kind--it is all a question of care in buying,

We have the only butter that is always good--**GOLD METAL**--
Try a roll.

Gray Bros. Grocery Co.

Quality Grocers

SCIENCE FOUND IN STREET PAVING

WARREN PLANT FURNISHES AN INTERESTING FIELD

Trip of Inspection Leads One Through Rock Crushers and Chemical Laboratories—Where Hourly Tests Are Conducted.

If anyone happens to have the idea that the laying of a durable pavement only means the mixing up of a little crushed rock with tar and the stamping of the compound on the street to be rolled, he or she would have that idea quickly dispelled by a visit to the different scenes in this city where the various departments of the Warren Construction company are in operation. An inspection of the work under the guidance of one of the company officials will prove that the making of pavement has been developed to a science by at least one firm and that rather than employing haphazard methods it conducts its plants along lines of mathematical precision.

For instance, a laboratory is maintained at central points (for this district in Portland) and, before operations are commenced, a sample of the rock found in the zone of operations is sent there to be examined, weighed and tested. This having been done, a proportion of mixture is worked out and sent to the plant inspector. In order that this proportion be maintained throughout the work, the inspector is required to make a test each hour of every work day and at the end of each day send in to the Portland laboratory a sample of the pavement being laid. If this sample varies the slightest degree from the formula given, upon a chemical analysis, the correction is made and if it varies very perceptible, the pavement is torn up and replaced for the company figures that under its guarantee it is easier to make the change at once than be under the necessity of making constant repairs.

Through the courtesy of Superintendent Lonergan, Sales Manager Garrow, Foreman Duin and Inspector Caley, representatives of the East Oregonian were shown the various stages of the complicated process of the making of bitulithic pavement and in the belief that many will be interested in knowing something of the methods used, a brief outline of the work is here given.

Work is Interesting.
The quarry work does not differ a great deal from ordinary quarry work except that the company operates two rotary rock crushers in connection with its work there and the rock when crushed is passed through several screens so that the particles of different size are segregated.

The paving plant proper, located on Thompson street adjoining the O. W. R. & N. yards, is by far the most interesting part of the process. Here is where the "hot stuff" is made. This "hot stuff" consists of about ten parts of rock to one of bitumen and into the compound there are twelve different sizes of rock ranging from an inch and a half down to dust. By proportioning these different grades properly, the resultant product minus the bitumen is almost solid rock, the voids being so filled that a ninety per cent solidity is secured. The remaining ten per cent is filled with bitumen which besides acts as a binder and gives resilience to the pavement.

The twelve parts rock is shoveled into an elevator in proper proportions and is carried into a revolving drum heated to 259 degrees Fahrenheit, where it is heated and cleaned, the

waste being drawn off by a fan. From the drum it passes into another elevator, and through a series of screens until it is segregated into six different bins. A big hopper sets upon a scale immediately underneath these bins and levers are pulled, allowing a certain number of pounds of graded rock to issue from each bin until the thousand pound beam is tipped. Then from a huge vat where great quantities of the black bitumen is boiling, 95 pounds of this liquid is forced by air pressure into a mixer with the thousand pounds of rock. A certain number of revolutions of the mixer is necessary to properly mix the substances which is then lumped steaming hot into wagons and hurried to the street being paved.

Already this street has been ploughed, reduced to grade and rolled hard and smooth, and covered with a six inch layer of crushed rock rolled down to four. Over this a coating of hot bitulithic cement is poured, a gallon to a yard, binding the loose rock together and enabling the "hot stuff" to take hold. A two and a half inch layer of this latter preparation is then spread on and the steam roller immediately reduces its thickness to two inches. A flush coat of bitumen is then spread over the surface, filling the voids and making the pavement waterproof, and over all is sprinkled stone chips to give a rough surface. Immediately this is done, the pavement is ready for traffic for it hardens as soon as laid.

To do all of this work requires much labor and last week the company employed here in Pendleton 125 men and 20 teams, the men divided as follows: Sixty at the quarry, 20 at the plant, 25 on the surface gang and 20 on the grading crew. The satisfactory part of this to Pendletonians is the fact that of all the men employed, only a half dozen, officials and expert workers are foreign, the others being residents of the city. The payroll has run over \$2000 each week and thus it may be seen that, while the property owners pay good money for the street improvements, a great part of this money is left here in the city.

Newsy Notes of Pendleton

Thursday P. M. Club to Meet.

The Thursday Afternoon Club will hold its weekly meeting tomorrow afternoon at the home of Mrs. Edwin P. Marshall on North Main street.

Lowell Writes for Farm Journal.

The last edition of the Western Stock Journal, a new farm publication printed in Oregon City, contains a splendid article entitled "Oregon's Transition Period," by Judge Stephen A. Lowell of this city.

Hears of Mother's Illness.

Mrs. Birdie S. Oliver, yesterday received a telegram from her brother, Van A. Price of Lexington, Ky., announcing that their mother is very ill and not expected to live.

Peddler is Jailed.

C. E. Clark, who has been peddling coat and trouser hangers about the city without a license so far, was given three days in the city jail this morning upon his failure to pay a five dollar fine.

Walker Has a Bad Eye.

County Commissioner Horace Walker came in this morning from Stanfield with one eye bandaged and immediately consulted a physician. He declares one of the bloodvessels of the eye burst badly affecting his vision.

A Mistake of \$100.

In a news story in this paper Monday relative to the contributions to the Christian church building fund, the amount set opposite the name of W. F. Matlock was \$400, whereas it should have read \$500. This correction is made in justice to the mayor upon the request of members of the church.

Wants Photos to Illustrate Story.

Major Lee Moorhouse is in receipt of a letter from Ella Royal Williams, an Oregon woman who has a government position at Washington, in which she states that she has written a story centered about northern Indian legends and is desirous of securing good illustrations for it. She names over a list of pictures she would like to have and asks the local photographer if he has any in his collection which would answer or whether or not he could procure them. The major will endeavor to satisfy her desires, especially as a letter of high recommendation has been received by him from Senator George E. Chamberlain.

Cursed Celestial; Jailed.

When impelled to curse a fellow citizen, beware the proximity of the cop. This is the motto which one Jesse Obray will regard closely hereafter for he came to grief yesterday when he undertook to berate the Chinese proprietor of the Horseshoe restaurant when that slant eyed caterer refused to see the argument that when a man is broke he should be fed gratis. Officer Mannins happened to be standing just outside at the time and promptly took the trouble maker in tow and it was lucky for the latter that the interference came when it did for the celestial was making for his abuser with blood in his eye. Though Obray declared this morning in police court that he was cursing his pal "Rattlesnake Pete," Judge Fitz Gerald failed to see the distinction and administered a three day sentence in jail.

Laborer Sues for Money Due.

J. A. Pugh has commenced suit against A. J. Charles, James and Lyda R. McDonald, alleging that he furnished materials and labor to the amount of \$536.18 in the construction of a house for plaintiffs and he asks that a lien which he has on property owned by Charles-McDonald and in which other defendants claim to have an interest be foreclosed to secure

CONTINUATION SALE

bargains will prevail all this week

2 BIG SPECIALS

\$2.50 TO \$4.00 MEN'S SHOES

Come in tan, box calf and patent leather; some oxfords and boys' shoes in the lot.

All go at

\$1.00

75c MEN'S SOFT SHIRTS

60 Dozen in the Lot

Fine Amoskeag Chambray with soft collars. Good for work or every day wear

35c

Our big window is crowded with real bargains. Take a look.

Everything reduced. Watch for tomorrow's special.

Workingmens Clothing Co.

payment of his claim. Hinkle and Warner are his attorneys.

Umatilla Convict Escapes.

Sheriff T. D. Taylor has received word that William Spangler, who was sentenced to the penitentiary at a recent term of the Umatilla county court for passing a bad check upon a local Chinaman, has escaped from the custody of the guards and is now at large.

Would Procure a Divorce.

Mildred Emma McFadden has commenced suit for a divorce from her husband, John Henry McFadden, alleging in her complaint that the defendant has been guilty of cruel and inhuman treatment for several years, is an inveterate drinker and has now deserted her. Besides the decree, she asks for the restoration of her maiden name, Mildred Emma York, full title to the fixtures and lease of the Golden Rule hotel and such other relief as the court deems just. Johnson & Skrabale are her attorneys.

Returns With His Bride.

George A. Ferguson and his bride, who was Miss Frankie Stephens, returned this morning from Nebraska and have taken up apartments in the Judd building. Mrs. Ferguson has been at the bedside of her father since her marriage and her husband left a short time ago to bring her home, her father's condition having improved.

Oregon Theatre

ONE NIGHT

Tuesday, April 30

CLARENCE BENNETT & CO. Present

WM. FAVERSHAM'S SUCCESS

The Squaw Man

By EDWIN MILTON ROYLE.

APABLE CAST
CORRECT COSTUMES
COMPLETE SCENIC DISPLAY.

Note: This company has played every other city at one dollar and fifty cents.

PRICES here, Parquet first 11 rows \$1.00, balance lower floor 75 cents; first three rows Balcony 75 cents, balance 50c; entire gallery 25c.

"Clark's Grocery"

LAUNDRY SOAP

None Better

8 Bars for 25c

TRY IT

S & H Green Stamps go with it

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Phone Main 174

612 Main Street

It's a Dog-Gone Shame



that a puppy should be too affectionate in the street in muddy weather, but both ladies and gentlemen have good redress when we get their garments to clean. They are made to look like new again. And no matter how delicate the fabric may be, we never injure it in the cleaning operation.

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Your Watch



Does not want to be MERELY AN ORNAMENT
Let us fix you out with a watch that can be depended upon. The kind that will keep time and look well.

Wm. Hanscom
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The \$15 Watch for Business and Professional Men

Doctors, lawyers, preachers, merchants, bankers, editors, politicians, candidates for offices and traveling men—take notice.

A dollar alarm is good enough for measuring your sleeping hours but if you want other folks to respect the value of your time you must give them some evidence that it is valuable. Don't measure your real life, your working hours, with a miniature alarm clock fitted in a tin case, with a paper dial.

Own a real watch. You'll find a many-sided satisfaction in it. I don't know where you can buy more watch value for \$15.00 than I offer.

Your future watch is an Elgin, guaranteed by the makers and me.

Royal M Sawtelle, The Jeweler